AUTODOC

How to change front lower arm on VW Touran 1T1 1T2 – replacement guide

VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
VW CADDY III Box (2KA, 2KH, 2CA, 2CH) 2.0 TDI, VW CADDY III Estate (2KB, 2KJ, 2CB, 2CJ) 2.0 TDI, VW EOS (1F7, 1F8) 2.0 TDI, VW GOLF PLUS (5M1, 521) 2.0 TDI, VW GOLF V (1K1) 2.0 TDI, VW GOLF V (1K1) 2.0 TDI 4motion, VW GOLF V Variant (1K5) 2.0 TDI, VW JETTA III (1K2) 2.0 TDI, VW TOURAN (1T1, 1T2) 2.0 TDI

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – VW TOURAN 1T1 1T2. TOOLS YOU MIGHT NEED:

- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 16
- Drive socket # 18
- Torx bit T25
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Crow bar
- Tap wrench
- Rubber mallet
- Hydraulic transmission jack
- Wheel chock

Replacement: front lower arm – VW Touran 1T1 1T2. AUTODOC recommends:

- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

REPLACEMENT: FRONT LOWER ARM – VW TOURAN 1T1 1T2. TAKE THE FOLLOWING STEPS:

1

Secure the wheels with chocks.

2

Loosen the wheel mounting bolts. Use wheel impact socket #17.

3

Raise the front of the car and secure on supports.

4

Unscrew the wheel bolts.

Replacement: front lower arm – VW Touran 1T1 1T2. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5

Remove the wheel.

6

Undo the fasteners of the oil pan lower cover. Use Torx T25.

7

Remove the oil pan cover.

8

Clean all joints of the arm. Use a wire brush. Use WD-40 spray.

AUTODOC recommends:

- Replacement: front lower arm – VW Touran 1T1 1T2. After applying the spray, wait a few minutes.
- Wear protective goggles.

9

Unscrew the rear fastener connecting the control arm to the subframe. Use a drive socket #16. Use a tap wrench.

10

Unscrew the rear fastener connecting the control arm to the car body. Use a drive socket #18. Use a tap wrench.

11

Unscrew the front arm fastener. Use a drive socket #18. Use a tap wrench.

12

Remove the fastening bolts. Use a drive socket #18. Use a drive socket #16.

13

Unscrew the fastener connecting the ball joint to the suspension control arm. Use a drive socket #16. Use a tap wrench.

14

Remove the fastening bolt. Use a drive socket #18.

15

Disconnect the spherical joint from the arm. Use a crowbar.

16

Remove the arm. Use a crowbar.

17

Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.

18

Install a new arm. Use a rubber mallet.

Replacement: front lower arm – VW Touran 1T1 1T2. AUTODOC experts recommend:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

19

Install the fastening bolt. Use a drive socket #18.

20

Attach the ball joint to the control arm.

21

Install the fastening bolts. Use a crowbar.

22

Screw the rear fastener connecting the control arm to the car body. Use a drive socket #18. Use a ratchet wrench.

23

Screw the rear fastener connecting the control arm to the subframe. Use a drive socket #16. Use a ratchet wrench.

24

Screw the fasteners of the ball joint. Use a drive socket #16. Use a ratchet wrench.

25

Tighten the ball joint fastener. Use a drive socket #16. Use a torque wrench. Tighten it to 50 nm torque.

26

Support the arm. Use a hydraulic transmission jack.

27

Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #18. Use a torque wrench. Tighten it to 85 Nm torque.

28

Tighten the rear fastener connecting the arm to the car body. Use a drive socket #18. Use a torque wrench. Tighten it to 80 Nm torque.

29

Tighten the rear fastener connecting the arm to the body subframe. Use a drive socket #16. Use a torque wrench. Tighten it to 70 Nm torque.

30

Remove the support from under the arm.

AUTODOC recommends:

- VW Touran 1T1 1T2 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

31

Treat all joints of the arm. Use copper grease.

32

Reinstall the oil pan lower cover.

33

Tighten the fasteners of the oil pan lower cover. Use Torx T25.

34

Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

35

Clean the brake disk surface. Use a brake cleaner.

Replacement: front lower arm – VW Touran 1T1 1T2. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

36

Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. VW Touran 1T1 1T2

37

Screw in the wheel bolts. Use wheel impact socket #17.

38

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 nm torque.

39

Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO

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